**Table S1: Plasma glucose concentrations during the experiments**

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| --- | --- | --- | --- |
|  | **Glucose concentration (SD)** | |  |
|  | Placebo day | EPO day | p |
| **Glycemic level at arrival to the laboratory** |  |  |  |
| Capillary glucose concentration, mmol/l | 10.9 (3.4) | 9.4 (3.4) | 0.37 |
| **Baseline (euglycemia)** |  |  |  |
| Mean plasma glucose, mmol/l | 4.5 (0.8) | 4.6 (0.8) | 0.67 |
| Glucose infusion rate, mmol x kg body weight-1 x min-1 | 0.015 (0.004) | 0.016 (0.005) | 0.64 |
| **Hypoglycemia** |  |  |  |
| Mean plasma glucose concentration, mmol/l | 2.0 (0.3) | 2.2 (0.3) | 0.04 |
| Nadir plasma glucose concentration, mmol/l | 1.8 (0.2) | 2.0 (0.3) | 0.23 |
| Glucose infusion rate, mmol x kg body weight-1 x min-1 | 0.0091 (0.004) | 0.0096 (0.004) | 0.57 |
| **Hypoglycemic plasma glucose during cognitive testing** |  |  |  |
| Reaction time test | 2.0 (0.3) | 2.2 (0.4) | 0.04 |
| Trail making test | 2.1 (0.3) | 2.2 (0.3) | 0.09 |
| Stroop test | 2.1 (0.3) | 2.1 (0.3) | 0.65 |
| EEG recording | 2.0 (0.3) | 2.1 (0.3) | 0.20 |

Plasma glucose concentrations and glucose infusion rates at baseline, during hypoglycemia and during cognitive testing (during hypoglycemia). Mean (SD) values are presented. P-values refer to paired t-tests between the placebo and the EPO day. EEG = electroencephalography.